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R Barzilay, L Lee - Proceedings of HLT-NAACL 2004, 2004 - acl.ldc.upenn.edu

... For concreteness, in what follows we will refer to "sentences" rather than "text spans" since that is what ... state **j** to **model** digressions or unseen topics, we take the novel step of forcing its **language model** to be ... Note that the contents of the "etcetera" **cluster** are ignored at this stage ...

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A Vinciarelli, S Bengio, H Bunke - IEEE Transactions on Pattern ..., 2004 - computer.org

... were made to replace the words w_i with corresponding classes $C(w_i)$ obtained through word **clustering**. ... the words, the system does not give a perfect transcription of the **text**, but allows the ... the first state of the first letter of the next word, then the **language model** term must ...

[Cited by 121](#) - [Related articles](#) - [BI Direct](#) - [All 21 versions](#)[\[PDF\] Inferring linguistic structure in spoken **language**](#)[psu.edu](#) [PDF]

M Woszczyna, A Waibel - ... International Conference on Spoken Language ..., 1994 - Citeseer

... 2. THE SPONTANEOUS SCHEDULING TASK All experiments have been performed on transcribed **text** taken from ... Unlike in **cluster** algorithms traditionally used for language **modeling**, each word can be in several 40 ... Using State-Dependent Monograms as **Language Model** (2 ...

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DM Blei, PJ Moreno - Proceedings of the 24th annual international ..., 2001 - portal.acm.org

... A unigram **language model** is computed for each of these clusters and an appropriate smoothing technique is ... Note that this **model** requires a segmented corpus to train, but works in an unsupervised ... To segment a new document, the stream of **text** is divided into a sequence of ...

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H Bourlard, CJ Wellekens - IEEE Transactions on Pattern Analysis ..., 1990 - computer.org

... maximization of $P(X|W, X)$ implies that of its bilinear map (3). A **language model** provides the value ... are avoided when using discriminant **models**: namely, the lack of balance between the

transition probability values (9) which only depend on the topology of the model and the ...

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[PDF] **Speech and language** technologies for audio indexing and retrieval

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J Makhoul, F Kubala, T Leek, D Liu, L Nguyen, R ... - Proc. IEEE, 2000 - [vc.cs.nthu.edu.tw](#)

... We are required to find all three sets of names but classify all others as general

language (GL). Fig. 7 shows the hidden Markov **language model** used by

IdentFinder to **model the text** for each type of named entity. ...

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Combining optimal **clustering** and Hidden Markov **models** for extractive summarization

[upenn.edu](#) [PDF]

P Fung, G Ngai, CS Cheung - ... of the ACL 2003 workshop on ..., 2003 - [portal.acm.org](#)

... Human **Language** Technology Center, Dept. ... We propose Hidden Markov **models** with

unsupervised training for extractive sum- marization. ... **Text** cohesion is modeled by the **transition**

probabilities of an HMM, and term distribution is modeled by the **emission probabilities**. ...

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[tuc.gr](#) [PDF]

H Ney, L Welling, S Ortmanns, K ... - IEEE ..., 1998 - [ketallonia.telecom.tuc.gr](#)

... Then the states are **clustered** together using a bottom-up strategy until the desired num- ber of

states is reached. ... [2] K. Beulen, E. Bransch, H. Ney, "State Tying for Con- **text** Dependent Phoneme

Models ... [8] H. Ney, S. Martin, F. Wessel, "Statistical **Language Model-** ing Using ...

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[CITATION] Connectionist **probability** estimators in HMM speech recognition

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S Renals, N Morgan, H Bourlard, M Cohen, H Franco - IEEE Transactions on ..., 1994

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[psu.edu](#) [PDF]


M Creutz, K Lagus - Proceedings of the International and Interdisciplinary ..., 2005 - Citeseer

... As the set of stems is very large in a **language**, stems are not likely to be very ... From this point on,

the full Categories-MAP **model** is used as it has been formulated mathematically above. ... Since

there are **transition probabilities**, changes affect the con- **text** in which a morph occurs. ...

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